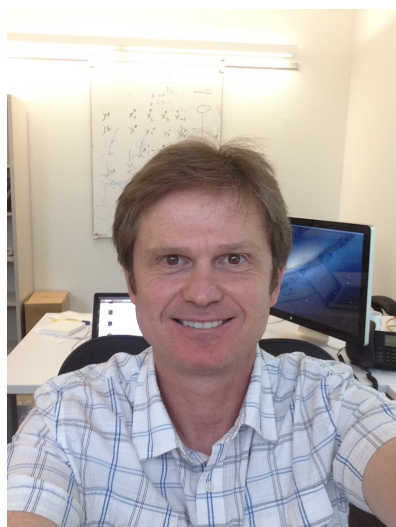




Institute for Materials Science

UNCLASSIFIED

Institute for Materials Science Lecture Series



Dr. Athanasios Chantis
American Physical Society

An inside View of the *Physical Review* Family of Journals

Wednesday, August 19, 2015

2:00 - 3:00pm

MSL Auditorium (TA-03, Bldg. 1698, Room A103)

Abstract: The *Physical Review* journal was established in 1893 by Edward L. Nichols at Cornell University in Ithaca NY. That single journal, which was publishing about 100 papers each year, has been gradually transformed into the greatest family of scholarly physics journals which serve the world physics community for more than 100 years now, publishing thousands of papers each year covering all areas of physics research. In this talk, I will give an Editor's view of the peer review process in our journals and I will discuss our current standards for published papers (I will focus on condensed matter and materials physics). I will also describe some of the most recent developments such as the appearance of new *Physical Review* journals and the related corporate reform in American Physical Society.

Bio: Athanasios Chantis received a Ph.D. in materials science from South Dakota School of Mines and Technology, then, worked as a postdoctoral researcher at Arizona State University and later as a Seaborg Institute postdoctoral fellow at the Theoretical Division of Los Alamos National Laboratory. His research involved a variety of topics in spintronics, semiconductor physics, strongly correlated materials, and development of first-principles methods for the electronic structure of solids. He joined APS in 2010. Currently, he is an Associate Editor for *Physical Review B*.

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Hosted by the Institute for Materials Science - Alexander Balatsky